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means for providing individual patient parameters and/or aerosol parameters for the inhalation; and
adjusting means for adjusting individual aerosol doses on the basis of the predetermined individual patient parameters and/or aerosol parameters.

2. (ONCE AMENDED) The inhalation device according to claim 1, wherein the means for providing individual patient parameters and/or aerosol parameters for the inhalation comprise a memory medium.

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5. (ONCE AMENDED) The inhalation device according to claim 1, wherein the means for providing individual patient parameters and/or aerosol parameters for the inhalation comprise a modem.

6. (ONCE AMENDED) The inhalation device according to claim 1, wherein the means for providing individual patient parameters and/or aerosol parameters for the inhalation comprise input means for manually inputting individual parameters.

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9. (ONCE AMENDED) The inhalation device according to claim 1, wherein the means for providing individual patient parameters and/or aerosol parameters for the inhalation are provided with manually operable control units and/or switches.

10. (ONCE AMENDED) The inhalation device according to claim 1, wherein the adjusting means for adjusting the individual aerosol doses reads out the individual patient parameters and/or aerosol parameters for the inhalation from the means for providing individual patient parameters and/or aerosol parameters for the inhalation, evaluates them and, on the basis thereof, adjusts the respiratory flow and the tidal volume of the inhalation device.

11. (ONCE AMENDED) Use of the inhalation device according to claim 1 for inhaling medicinal agents that become effective topically in the respiratory system or systemically comprising the steps of:
providing individual patient parameters and/or aerosol parameters for the inhalation; and
adjusting individual aerosol doses on the basis of the predetermined individual patient parameters and/or aerosol parameters.

12. A device for the controlled inhalation of therapeutic aerosols during breathing maneuvers comprising:

an input mechanism that supports inputs into the device of individual patient parameters and/or aerosol parameters for the inhalation; and

an adjustment mechanism that adjusts individual aerosol doses administered by the device on the basis of the predetermined individual patient parameters and/or aerosol parameters.

13. The device of claim 12 wherein the input mechanism includes a memory medium.

14. The device of claim 13 wherein the individual patient parameters and/or aerosol parameters for the inhalation are stored by the memory medium before inhalation.

15. The device of claim 14 wherein the memory medium also stores the breathing maneuvers carried out.

16. The device of claim 12 wherein the input mechanism includes a modem.

17. The device of claim 12 wherein the input mechanism includes manual control units.

18. The device of claim 12 wherein the adjustment mechanism accesses the individual patient parameters and/or aerosol parameters for the inhalation through the input mechanism; evaluates them; and, on the basis thereof, adjusts respiratory flow and tidal volume of the inhalation device.

19. A method for the controlled inhalation of therapeutic aerosols during breathing maneuvers comprising the steps of:
inputting into a device individual patient parameters and/or aerosol parameters for the inhalation; and
adjusting individual aerosol doses administered by the device on the basis of the predetermined individual patient parameters and/or aerosol parameters.

20. The method of claim 19 wherein the step of inputting includes inserting a memory medium into the device.

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21. The method of claim 20 wherein the individual patient parameters and/or aerosol parameters are stored on the memory medium.

22. The method of claim 21 wherein the memory medium also stores breathing maneuvers carried out.

23. The method of claim 19 wherein the step of inputting includes receiving individual patient parameters and/or aerosol parameters for the inhalation through a modem.

24. The method of claim 19 wherein the step of inputting includes manually inputting the individual patient parameters and/or aerosol parameters for the inhalation.

25. The method of claim 19 wherein the step of adjusting includes evaluating the individual patient parameters and/or aerosol parameters for the inhalation and, on the basis thereof, adjusting respiratory flow and title volume of the inhalation device.

Additional Claim F Calculation

| | Number of Claims Remaining | Highest Previous Number Paid | Present Extra Claims | Rate for Large Entity | Additional Fee |
|--------|----------------------------------|---------------------------------------|----------------------------|-----------------------------|-------------------|
| Total | 25 | 20 | 5 | \$18 | \$90 |
| Indep. | 3 | 3 | 0 | \$84 | \$0 |
| | | | | Additional Claims Fee | \$90 |

Fee Payment

A check for \$90 is attached. Please charge any fee deficiency or credit any overpayment in connection with this Amendment to Deposit Account No. 19-4518.

REMARKS**Section 112 Rejections**

Inadequate antecedent basis was found for expressions in several of the claims. With respect to claims 2, 5, 6, 9, and 10, the expression "the provision means" has been replaced by the expression "means for providing individual patient parameters and/or aerosols for the inhalation" matching the element as first introduced in main claim 1. With respect to claim 8, claim 1 has been amended to recite the expression "during breathing maneuvers" to provide an antecedent basis for the expression "the breathing maneuvers" in claim 8. Claim 11 has been amended to positively recite two additional method steps to clarify the scope of the claim.